NO: EE/RAND/WO NO/104/2015-16 Dated: 16-01-2016

M. A. R. 57 (Rule 116)
Measurement Book

No. B

568101

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..... From..... To.....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work: Construction of Ground (JP Park) in Ward no. 12 Gym building near HMT Work code: 017-15-000030 Est cost: 50.00 Lakh						
1.	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width.....complete as per specification						
	measurements are recorded in excel sheets						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents Qty	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						119.70 cum	
						@ Rs. 207.00	
						⇒ 24777.90	
2.	providing and laying plain cement concrete of mix M7.5 with opc cement @ 180 kgs with 40mm and down size graded metal coarse aggregate ---- ---- ---- complete as per specifications.						
	measurements are in excel sheets					19.72 cum	
						@ Rs. 5470.00	
						⇒ 107868.40	

Executive Engineer
Rajarajeshwari Nagara Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 054.

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

568102

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents Qty	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
3.	providing and laying in position reinforced cement concrete of design mix M20 with opc cement @ 320 kgs with 20mm and down size graded metal coarse aggregate with super ------ complete as per specifications.						
	measurements are in excel sheets					105.00 cum	
						@ Rs. 8700.00	
						⇒ 913500.00	
4.	providing and laying position reinforced cement concrete of M20 with opc cement @ 320 kgs						

Executive Engineer
Rajarajeshwari Nagara Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 054.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(a) for first floor						
	measurments are in excel sheets					12.22 Cum	
						@ Rs. 6745.00	
						= 82427.90	
5.	providing TMT steel reinforcement for R.C.C work including straightening, bending, cutting, hooking, placing in position lapping or welding wherever required, tying with binding wire ---------- complete as per specifications.						
	measurements are in excel sheets					15.00 tonne	
						@ Rs. 76120.00	

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No. B

Serial No. .....

568103

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						=	1141800.00
6.	providing and removing centring, shuttering, strutting, propping etc and removal of formwork for foundations, footing, ---- complete as per specifications						
	measurments are in excel sheets					1341.60 sqm	
						@ Rs. 150.00	
						= 201160.00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents Qty	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
7.	providing and removing centring, shuttering, strutting, propping etc and removal of formwork for vertical surface such as walls ---- complete as per specification measurements are in excel sheets					195.00 sqm @ Rs. 331.00 = 64545.00	
8.	providing and removing centring, shuttering, strutting, propping etc for columns, pillars, piers ---- complete measurements are in excel sheets					64.80 sqm @ Rs. 413.00	

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Measurement Book

No. B

568104

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents Qty	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						=	26762.40
9.	providing and removing centring, shuttering, strutting, propping etc for columns, pilars piers ---- complete for first floor measurements are in excel sheets					51.80 sqm @ Rs. 436.00 =	22584.80

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	Qty	
1	2	3	4	5	6	7	8
10.	providing and removing centring, shuttering, struting, propping etc and removal of formwork for sides and soffits of beams ----- complete measurements are in excel sheets				@ Ny.	78.62 sqm 383.00 ⇒	29881.66
11.	providing and removing centring, shuttering, struting propping etc and removal of formwork for sides and soffits of beams ------ complete for first floor.						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

568105

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	Qty	
1	2	3	4	5	6	7	8
	measurements are in excel sheets				@ Ny.	17.94 sqm 405.00 ⇒	7265.70
12.	providing and removing centring, shuttering, struting, propping etc and removal of formwork for flat surface such as suspended floors, roofs, landings, balconies ----- complete as per specifications. measurements are in excel sheets				@ Ny.	105.80 sqm 200.00	

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MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
Measurement Book

No. B 568106

erial No. .....
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Date	Full description, etc, of work	Dimensions				Contents Qty	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
							21160.00
13.	providing and removing centring, shuttering, propping and removal of form work for flat surface --- complete						
	for first floor						
	measurements are in excel sheets					105.80 sqm	
					@ Rs.	378.00	
						⇒ 39992.40	
14.	providing and constructing granite ashlar/ basalt stone masonry in foundation with cement mortar 1:6 ---------- complete						
	measurements are in excel sheets					12.38 cum	
					@ Rs.	4454.00	
						⇒ 55140.52	
15	providing and laying plain cement concrete of mix m10 with OPC cement @ 220 kgs with 20mm and down size graded metal, coarse aggregates ---------- complete						
	measurements are in excel sheets					1.50 cum	
					@ Rs.	5925.00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
							8769.00
						=	8887.50
16	Filling available excavated earth in sides of foundation upto plinth in layers not exceeding 20cms in depth						
	measurements are in excel sheets					55.20 cum	
						@ Rs. 132.00	
						=	7617.60
17.	providing and constructing non-load bearing wall with cement concrete solid blocks with compressive strength not less than 35 kg/sqm 40x20x20cms size.						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

568107

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	measurements are in excel sheets					134.76 sqm	
						@ Rs. 1097.00	
						=	147831.72
18.	Executive Engineer Rajarajeshwari Nagara Division (Bruhat Bangalore Mahanagara Palike Bangalore - 560 054. Providing and constructing non load bearing wall with cement concrete solid blocks --- complete Basic 20x20cms						
	For first floor						
	measurements are in excel sheets					152.66 sqm	
						@ Rs. 1131.00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents Qty	Reference to last Measurement
1	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
						=	137182.40
19.	providing 12mm thick cement plastel in single coat with cm 1:4 to ceiling including rounding corners where ever required ---- complete						
	measurements are in excel sheets					144.20 Sqm	
					@ Rs.	258.00	
						=	37203.60
20.	providing 12mm thick plastel in single coat with cm 1:4 to ceiling --- complete as per specifications						
	measurements are in excel sheets						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

568108

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
1	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	measurements are in excel sheets					158.00 Sqm	
					@ Rs.	264.00	
						=	41712.00
21.	providing 12mm thick cement plastel in single coat with cement mortar 1:3 to brickmasonry including rounding off corners --- complete as per specifications						
	measurements are in excel sheets					150.00 Sqm	
					@ Rs	182.00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents Qty	Reference to last Measurement
1	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
22.	providing 12mm thick cement plaster in single coat with cement mortar 1:3 to brick masonry - - - - complete (on for first floor:					⇒	27300.00
	measurements are in excel sheet					134.16 sqm	
					@ Rs.	188.00	
						⇒	25222.08
23.	providing 18mm thick cement mortar plaster in single coat with cm 1:6 to brick masonry including rounding off corners - - - - complete						

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568103

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents Qty	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	measurements are in excel sheets					104.16 sqm	
					@ Rs.	219.00	
						⇒	22811.04
24.	providing 18mm thick cement plaster in single coat with cm 1:6 to brick masonry including rounding off corners. - - - complete for first floor:						
						162.66 sqm	
					@ Rs.	225.00	
						⇒	36598.50

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to the Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
25	providing and fixing special make glazed vitrified tiles of approved make, quality and colour of size 600 x 600 x 10mm thick fixed on existing - - - - - complete measurements are in excel sheets					120.00 Sqm	
						@ Rs. 1336.00	
						⇒ 160320	
26	providing and fixing special make vitrified tiles of approved make, quality and colour of sqm 600 x 600 x 10mm thick. For first floor						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

568110

rial No. .....
me of Work ..... From ..... To .....
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ate	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
						120.00 Sqm	
						@ Rs. 1337.00	
						⇒ 160440.00	
7.	providing and applying painting in two coats with plastic emulsion paint of approved make on wall surface to give an even apparel shade after thoroughly - - - - - - - - complete measurements are in excel sheets					150.00 Sqm	
						@ Rs. 93.00	
						⇒ 13950.00	

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